ADDENDA

ANSI/ASHRAE Addendum i to
ANSI/ASHRAE Standard 15-2024

Safety Standard for Refrigeration Systems

Approved by ASHRAE and the American National Standards Institute on April 24, 2026.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (www.ashrae.org/continuous-maintenance).

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ASHRAE obtains consensus through participation of its national and international members, associated societies, and public review.

ASHRAE Standards are prepared by a Project Committee appointed specifically for the purpose of writing the Standard. The Project Committee Chair and Vice-Chair must be members of ASHRAE; while other committee members may or may not be ASHRAE members, all must be technically qualified in the subject area of the Standard. Every effort is made to balance the concerned interests on all Project Committees.

The Senior Manager of Standards of ASHRAE should be contacted for

a. interpretation of the contents of this Standard,
b. participation in the next review of the Standard,
c. offering constructive criticism for improving the Standard, or
d. permission to reprint portions of the Standard.

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

Addendum i makes several improvements and clarifications. Section 5 has been updated to clarify the zoning damper opening time following an output signal from a leak detector. Field piping requirements in Section 8 have been updated to harmonize those requirements with those of ANSI/ASHRAE Standard 15; this addendum also clarifies how to ensure reused piping is properly protected. The committee sees no reason for Standard 15.2 to be more restrictive on piping location requirements than Standard 15; therefore, the restriction on piping inside an air duct or return air plenum has been removed. Additionally, the requirement that when in the airstream the piping must be leak free when at elevated temperatures has been added. Section 10 has been updated to clarify how to check if piping can be reused.

Informative Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum i to Standard 15.2-2024

Modify Section 5.3.4 as follows. The remainder of Section 5.3.4 remains unchanged.

5.3.4 Mitigation Action Requirements. When a leak detection system provides an output signal, the following mitigation actions shall occur within 15 seconds:

a. Energize the air *circulation* fan(s) of the *equipment* per *manufacturer's installation instructions*.
b. Initiate the opening of ~~Open~~ zoning dampers installed in the *ductwork* connected to the *refrigeration system*.

[. . .]

Modify Section 8.5.1.1 as follows. The remainder of Section 8.5.1.1 remains unchanged.

8.5.1.1 Pipe Protection. The exterior of the pipe *shall* be protected from corrosion, degradation, galvanic corrosion, and abrasion. *Refrigerant* pipe *shall not* be in contact with building materials that can abrade the pipe. *Refrigerant* pipe *shall* be installed as follows:

[. . .]

f. **Refrigerant Parts in Air Duct.** All field-installed *refrigerant* containing parts, including joints, of a *refrigeration system* located in an air duct carrying *conditioned air* to and from an occupied *space shall* be constructed to withstand a temperature of 700°F (371°C) without leakage into the airstream.

[. . .]

Modify Section 8.5.1.2 as follows. The remainder of Section 8.5.1.2 remains unchanged.

8.5.1.2 Prohibited Locations. *Refrigerant piping shall not* be installed in any of the following locations:

[. . .]

~~f. Inside an air *duct* or return air *plenum*~~

[. . .]

Modify Section 10.5.4.2 as follows. The remainder of Section 10.5.4.2 remains unchanged.

10.5.4.2 Reused Piping. Reused *piping shall* be exposed for visual inspection and testing prior to being covered or enclosed ~~in compliance with Section 10.5.4.1~~ unless in accordance with all of the following:

a. *Piping shall* be protected in accordance with Section 8.5.1.1. Verification of the presence of shield plates *shall* be accomplished by one of the following methods:
   1. Determine the *piping* was previously inspected for shield plates through building inspection records.
   2. Use an *approved* tool or visual inspection to verify shield plates are installed.

[. . .]

POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

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As an industry leader in research, standards writing, publishing, certification, and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

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